

CLIPPEDIMAGE= EP000868009A1
PUB-NO: EP000868009A1
DOCUMENT-IDENTIFIER: EP 868009 A1
TITLE: Electromotor-worm reduction gear assembly

PUBN-DATE: September 30, 1998

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|---------------|---------|
| KRAUTH, MARCO | DE |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|-------------------|---------|
| BOSCH GMBH ROBERT | DE |

APPL-NO: EP97122372

APPL-DATE: December 18, 1997

PRIORITY-DATA: DE19712361A (March 25, 1997)
INT-CL_(IPC): H02K007/08; H02K005/167 ; H02K015/00
EUR-CL_(EPC): H02K005/167; H02K007/08, H02K015/00

ABSTRACT:

The system has a housing containing an electric motor followed by a worm drive with a worm wheel and worm shaft (16) and two axial bearings for the shaft.

The worm shaft forms an armature shaft of the electric motor and at least one axial bearing is mounted inside a hollow pot-shaped protrusion with a base

(19). The base consists of a plastically deformable material and has an

essentially button shaped deformation facing towards the worm shaft and forming

a shoulder (24) for an axial bearing. The deformation is formed in the base

after installation of the worm shaft in the housing.